

## **CLAIMS**

### **What is claimed is:**

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1. A warp-stretch woven fabric selected from the group consisting of plain, twill and satin construction, comprising:  
a plurality of weft yarns and a plurality of warp yarns, wherein from about 15 to about 55 weight percent of the warp yarns are polyester  
10 bicomponent continuous filaments comprising poly(ethylene terephthalate) and poly(trimethylene terephthalate) and having an after-heat-set crimp contraction value from about 20% to about 80%.
  2. The fabric according to claim 1, wherein from about 22 to about 33  
15 weight percent of the warp yarns are polyester bicomponent continuous filaments.
  3. The fabric according to claim 1, wherein the bicomponent continuous filament warp yarns are woven separately from other warp  
20 yarns in the woven fabric construction.
  4. The fabric according to claim 1, wherein the weft yarns comprise a first yarn and a second yarn, and wherein the first yarn comprises bicomponent continuous filaments of poly(ethylene terephthalate) and  
25 poly(trimethylene terephthalate).
  5. The fabric of claim 4, wherein the weft has a construction selected from the group consisting of pick-and-pick and co-insertion.
  - 30 6. The fabric of claim 4, wherein the second yarn is a spun staple yarn.
  7. The fabric of claim 1, wherein the fabric has a warp yarn repeating pattern selected to be most uniform for the weight percent of polyester  
35 bicomponent filament warp yarns present.

8. The fabric of claim 1, comprising from about 13 weight percent to about 28 weight percent polyester bicomponent yarns, based on total fabric weight, wherein the bicomponent yarns are present only in the warp.
- 5 9. The fabric of claim 1, comprising from about 13 weight percent to about 19 weight percent polyester bicomponent yarns, based on total fabric weight.